

Figure 1 : Prior Art Transponder

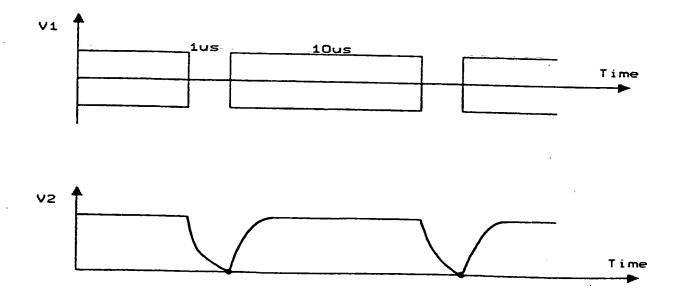
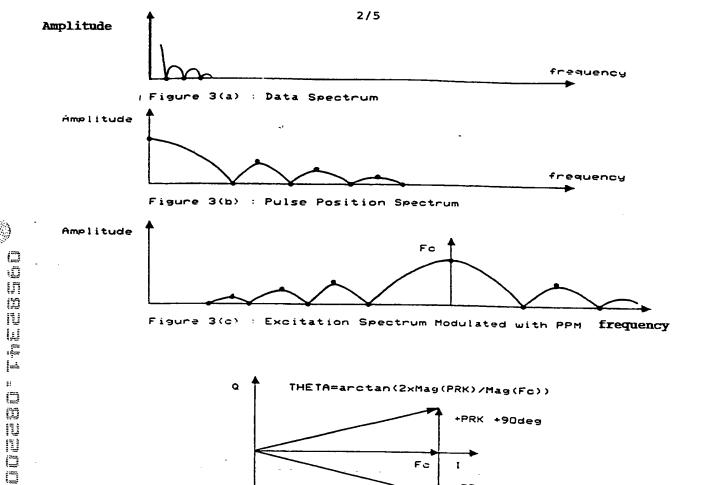
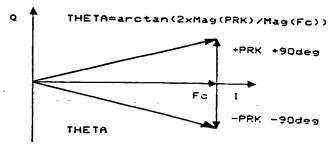


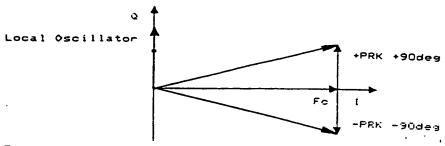
Figure 2 : Excitation V1 and Detected Envelope V2

WO 99/34526 MILES OTHTOWNER SE JUM

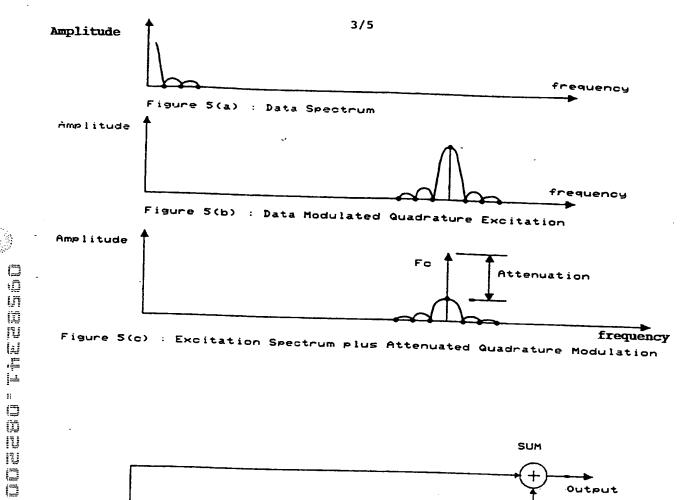




Phasor diagram showing Excitation and Modulation.



4(b) : Phasor diagram Showing Local Oscillator at 90deg to Fc



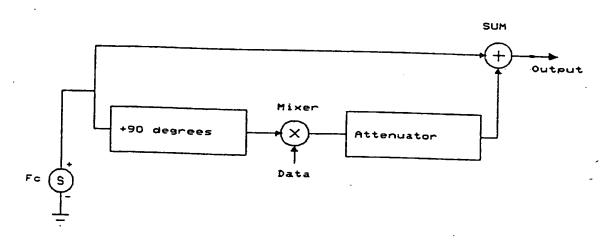


Figure 6(a): Method of Modulating Excitation Signal

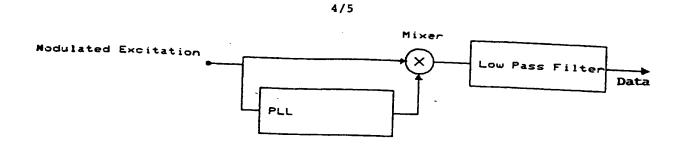


Figure 6(b) : Method of Demodulation

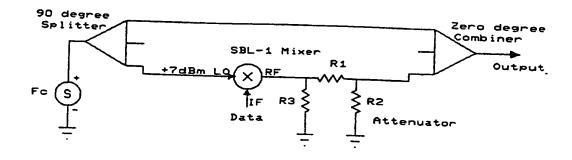


Figure ? : Example Circuit for Modulating

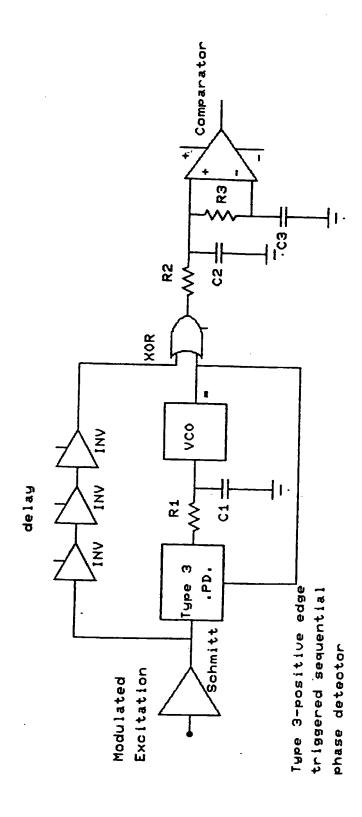


Figure 8 : Example Circuit for Demodulating